Cytolethal distending toxin subunit B (cdtB) Recombinant Protein | cdtB recombinant protein

Recombinant Escherichia coli Cytolethal distending toxin subunit B (cdtB)

CATALOG #	HOST
AAA18773	**E Coli or Yeast or Baculovirus or Mammalian Cell**

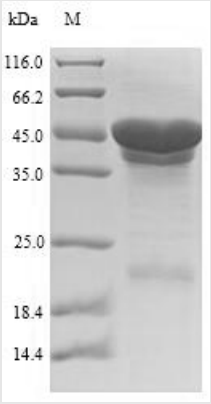
PRODUCT SYNONYMS

Cytolethal distending toxin subunit B (cdtB); Recombinant Escherichia coli Cytolethal distending toxin subunit B (cdtB); Cytolethal distending toxin subunit B; CDT B; Deoxyribonuclease CdtB; EC=3.1.-.-; cdtB recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE.
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Sequence Positions	19-269aa; Full Length of Mature Protein
Sequence	DLTDFRVATW NLQGASATTE SKWNINVRQL ISGENAVDIL AVQEAGSPPS TAVDTGTLIP SPGIPVRELI WNLSTNSRPQ QVYIYFSAVD ALGGRVNLAL VSNRRADEVF VLSPVRQGGR PLLGIRIGND AFFTAHAIAM RNNDAPALVE EVYNFFRDSR DPVHQALNWM ILGDFNREPA DLEMNLTVPV RRASEIISPA AATQTSQRTL DYAVAGNSVA FRPSPLQAGI VYGARRTQIS SDHFPVGVSR R
Species	Escherichia coli
Preparation and Storage	Store at -20 degrees C. For long-term storage, store at -20 degrees C or -80 degrees C. Store working aliquots at 4 degrees C for up to one week. Repeated freezing and thawing is not recommended.

IMAGES



SDS-PAGE

ADDITIONAL INFORMATION

Related Product Information for cdtB recombinant protein	Part of the tripartite complex that is required for the CDT activity. CdtB exhibits a DNA-nicking endonuclease activity, and very probably causes DNA damage in intoxicated cells. This damage induces G2/M cell cycle arrest, chromatin fragmentation, cell distention and nucleus enlargement.

NCBI AND UNIPROT INFORMATION

NCBI GI #	57012651
UniProt Accession #	Q46669
Molecular Weight	47.4 kDa
NCBI Official Full Name	Cytolethal distending toxin subunit B
UniProt Protein Name	Cytolethal distending toxin subunit B
UniProt Gene Name	**cdtB**
UniProt Synonym Gene Names	CDT B
UniProt Entry Name	CDTB_ECOLX

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: https://www.aaabiotech.com/cdtb-recombinant-protein-e-coli/18773